

Contents Volume 41, 1997

Special Issue "High-Pressure Metamorphism in Nature and Experiment" edited by W. Schreyer and B. Stöckhert

High-pressure metamorphism in nature and experiment	
W. Schreyer and B. Stöckhert	1
35 Ma old ultrahigh-pressure metamorphism and evidence for very rapid exhumation in the Dora Maira Massif, Western Alps	
D. Gebauer, H.-P. Schertl, M. Brix and W. Schreyer	5
Reconnaissance isotopic investigations on rocks of an undeformed granite contact within the coesite-bearing unit of the Dora Maira Massif	
G.R. Tilton, L. Ames, H.-P. Schertl and W. Schreyer	25
Near-end-member magnesiochloritoid in prograde-zoned pyrope, Dora-Maira massif, western Alps	
G. Simon, C. Chopin and V. Schenk	37
Petrology, geochemistry and isotope data on a ultrahigh-pressure jadeite quartzite from Shuanghe, Dabie Mountains, East-central China	
J.G. Liou, R.Y. Zhang and B.-m. Jahn	59
Exhumation of ultrahigh-pressure metamorphic oceanic crust from Lago di Cignana, Piemontese zone, western Alps: the structural record in metabasites	
S.N.G.C. van der Klauw, T. Reinecke and B. Stöckhert	79
Low differential stress during high-pressure metamorphism: The microstructural record of a metapelite from the Eclogite Zone, Tauern Window, Eastern Alps	
B. Stöckhert, H.-J. Massonne and E.U. Nowlan	103
Garnet zoning and reaction textures in overprinted eclogites, Bohemian Massif, European Variscides: A record of their thermal history during exhumation	
P.J. O'Brien	119
Eclogites within the Menderes Massif/western Turkey	
R. Oberhänsli, O. Candan, O.Ö. Dora and St.H. Dürr	135
Density changes of fluid inclusions in high-pressure low-temperature metamorphic rocks from Crete: A thermobarometric approach based on the creep strength of the host minerals	
M. Küster and B. Stöckhert	151
Microstructures of synthetic polycrystalline coesite aggregates. The effect of pressure, temperature, and time	
J. Renner, A. Zerbian and B. Stöckhert	169
Experimentally determined Fe-Mg exchange between synthetic staurolite and garnet in the system MgO-FeO-Al ₂ O ₃ -SiO ₂ -H ₂ O	
M. Koch-Müller	185
Antigorite: High-pressure stability in the system MgO-SiO ₂ -H ₂ O (MSH)	
B. Wunder and W. Schreyer	213
Thermodynamic properties of white micas on the basis of high-pressure experiments in the systems K ₂ O-MgO-Al ₂ O ₃ -SiO ₂ -H ₂ O and K ₂ O-FeO-Al ₂ O ₃ -SiO ₂ -H ₂ O	
H.-J. Massonne and Z. Szpurka	229
High-pressure behaviour of selected boron minerals and the question of boron distribution between fluids and rocks	
W. Schreyer and G. Werdning	251
Bibliography Volumes 1-39, 1968-1997	267
Subject Index Volumes 1-39, 1968-1997	339
Author Index Volume 41, 1997	415